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United States Cotton Quality Report For Ginnings Prior To January 1, 1978

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Upland cotton ginned prior to January 1 this season was higher in grade but slightly shorter in staple length than a year earlier, according to the Cotton Division, Agricultural Marketing Service, USDA. White grades 31 and higher comprised over 22 percent of ginnings so far this season, up from 14 percent a year ago. Staples 33 and shorter made up 38 percent of ginnings. This was up from 34 percent through the same period last season. Average mike and fiber strength were higher than a year earlier. Upland cotton ginnings prior to January 1 totaled 13,541,200 running bales. This was equivalent to about 97 percent of the indicated 1977 crop and compares with 96 percent ginned prior to January 1 last year and 94 percent two years ago.

White grades 31 and higher accounted for over 22 percent of upland ginnings prior to January 1 this season. This was the largest percentage in these higher White grades since 1972 when records began on ginnings prior to January 1. About 14 percent of the 1976 crop and almost 20 percent of the 1975 crop, ginned prior to January 1, was in grades 31 and higher. Grade 41 comprised 29 percent of ginnings so far this season, the smallest proportion since records began in 1972 and compared with 37 percent a year earlier and 32 percent two years ago. All White grades made up 72 percent of ginnings against 69 percent a year earlier and 73 percent two years earlier. The Light Spotted grades comprised almost 26 percent of ginnings compared with 21 percent last year and 24 percent in 1975. Spotted and other Colored grades made up almost three percent against 10 percent a year ago and almost four percent two years ago. The average grade index of cotton ginned prior to January 1 this season was 93.3 (grade 31 = 100), up from 91.7 and 92.2 in 1976 and 1975, respectively.

Staples 31 and shorter comprised 16 percent of upland ginnings prior to January 1 this season. This was about the same as a year earlier and compares with 18 percent two years earlier. Staples 32 and 33 made up 21 percent of ginnings so far this season, up from 18 percent a year ago and 10 percent two years ago. Cotton stapling 34 and 35 comprised almost 51 percent of ginnings prior to January 1, down from 54 percent a year earlier and 59 percent in 1975. Staples 36 and longer made up 12 percent this season, the same as a year earlier but down from 13 percent in 1975. The average staple length was 33.7 thirty-seconds inches against 33.8 the two previous years.

Average mike of upland cotton ginned prior to January 1 was 4.4, the highest average mike since 1973. Through the same period last year mike averaged 4.2 and two years ago averaged 4.0. Cotton in the 3.5-4.9 mike range made up 80 percent of ginnings compared with 78 percent last year and 72 percent two years ago. Cotton miking 3.4 and below comprised five percent against 13 and 23 percent in 1976 and 1975, respectively. Cotton with mike of 5.0 and higher comprised 15 percent of ginnings prior to January 1. This was the highest percentage in the higher mike range since records began in 1972 and compares with 10 percent a year ago and six percent two years ago.

Fiber strength of upland cotton ginned prior to January 1 this season averaged 87,400 pounds per square inch (psi), the highest since records began in 1972. A year ago average strength was 86,400 psi and two years ago 86,500 psi. Cotton with strength of 90,000 psi and higher made up 34 percent of ginnings, also the largest proportion since records began and up from 29 percent a year earlier and 30 percent two years ago. Cotton with fiber strength of 79,000 psi and lower comprised eight percent of ginnings against 13 percent the two previous years.

Table 1. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade	Code	December 1-31				Season through December 31				Supply to January 1				Change in supply	
		1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1,000 bales	Pct.
Bales		Bales		Bales		Bales		Bales		Bales		Bales		bales	
<u>White</u>															
G.M.	(11)	66	28	*	*	142	602	*	*	**	1	*	*	+1	+100.0
S.M.	(21)	7,398	10,867	0.3	0.6	24,779	129,780	0.3	1.0	50	157	0.4	1.0	+107	+214.0
M.+	(30)	444	5,842	*	0.3	1,348	67,037	*	0.5	23	78	0.2	0.5	+55	+239.1
M.	(31)	191,514	326,075	8.7	17.4	1,376,175	2,793,789	14.0	20.7	1,880	3,097	14.1	19.0	+1,217	+64.7
S.L.M.+	(40)	48,943	116,600	2.2	6.2	429,833	963,293	4.4	7.1	760	1,247	5.7	7.6	+487	+64.1
S.L.M.	(41)	372,295	485,936	16.9	25.8	3,668,226	9,950,950	37.3	29.4	4,514	4,618	33.9	28.3	+104	+2.3
L.M.+	(50)	21,332	30,033	1.0	1.6	219,317	303,835	2.2	2.2	476	504	3.6	3.1	+28	+5.9
L.M.	(51)	157,848	103,179	7.2	5.5	879,648	1,288,296	8.9	9.5	1,279	1,563	9.6	9.6	+284	+22.2
S.G.O.+	(60)	1,844	1,968	0.1	0.1	9,121	16,437	0.1	0.1	20	24	0.1	0.1	+4	+20.0
S.G.O.	(61)	40,738	27,615	1.8	1.5	117,868	147,548	1.2	1.1	200	209	1.5	1.3	+9	+4.5
G.O.+	(70)	153	131	*	*	300	316	*	*	1	1	*	*	0	-
G.O.	(71)	8,865	5,620	0.4	0.3	18,181	18,397	0.2	0.1	29	29	0.2	0.2	0	-
<u>Light Spotted</u>															
G.M.	(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S.M.	(22)	1,585	2,202	0.1	0.1	5,160	21,638	0.1	0.2	9	24	0.1	0.1	+15	+166.7
M.	(32)	182,621	292,277	8.3	15.6	556,767	1,318,567	5.7	9.7	733	1,479	5.5	9.1	+746	+101.8
S.L.M.	(42)	406,031	320,133	18.3	17.1	1,129,580	1,681,727	11.5	12.4	1,507	1,975	11.3	12.1	+468	+31.1
L.M.	(52)	169,224	78,892	7.7	4.2	406,516	478,434	4.1	3.5	580	597	4.3	3.7	+17	+2.9
<u>Spotted</u>															
G.M.	(13)	-	-	-	-	-	-	14	-	**	-	**	-	0	-
S.M.	(23)	749	186	*	*	2,901	1,652	*	*	5	6	*	*	+1	+20.0
M.	(33)	127,123	10,428	5.8	0.6	244,069	39,757	2.5	0.3	310	122	2.3	0.7	-188	-60.6
S.L.M.	(43)	251,072	24,886	11.4	1.3	409,591	150,865	4.2	1.1	513	289	3.8	1.8	-224	-43.7
L.M.	(53)	103,092	19,091	4.7	1.0	166,537	99,259	1.7	0.7	222	154	1.7	0.9	-68	-30.6
Tinged 2/	(24-54)	88,698	2,482	4.0	0.2	116,098	8,741	1.2	*	149	55	1.1	0.3	-94	-63.1
Stained 2/	(25-35)	1,319	7	0.1	*	1,684	24	*	*	7	1	0.1	*	-6	-85.7
<u>Light Gray</u>															
G.M.	(16)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S.M.	(26)	486	236	*	*	1,351	1,786	*	*	2	2	*	*	0	-
M.	(36)	978	971	*	0.1	7,503	11,350	0.1	0.1	10	14	0.1	0.1	+4	+40.0
S.L.M.	(46)	1,402	733	0.1	*	2,562	4,532	*	*	4	11	*	0.1	+7	+175.0
<u>Gray</u>															
G.M.	(17)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S.M.	(27)	-	-	-	-	-	-	36	-	-	**	-	*	0	-
M.	(37)	68	59	*	*	153	403	*	*	**	**	*	*	0	-
S.L.M.	(47)	221	33	*	*	327	696	*	*	1	1	*	*	0	-
<u>Below Grade 3/</u>															
All grades		2,205,017	1,876,710	100.0	100.0	9,828,891	13,541,168	100.0	100.0	13,342	16,323	100.0	100.0	+2,981	+22.3

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Baless that are lower in grade than the lowest official standard for the corresponding color group.

* Less than 0.05 percent.

Table 2. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple	December 1-31		Season through December 31			Supply to January 1			Change in Supply 1977 from 1976	
	1976	1977	1976	1977	1976	1977	1976	1977	1,000 bales	1,000 bales
Bales	Bales	Pct.	Bales	Pct.	Bales	Pct.	Bales	Pct.	Pct.	
26 and shorter	126	108	*	541	413	*	1	*	*	-1
28	2,950	1,776	0.1	7,801	6,532	0.1	24	8	0.2	-16
29	27,543	12,349	1.2	74,264	56,673	0.8	145	75	1.1	-70
30	223,817	105,168	10.2	537,251	614,699	5.5	4.5	760	738	5.7
31	450,745	310,676	20.4	896,452	1,545,561	9.1	11.4	1,088	1,707	8.2
32	372,682	410,777	16.9	789,626	1,577,311	8.0	11.6	1,003	1,832	7.5
33	212,069	187,888	9.6	10.0	992,633	1,316,990	10.1	9.7	1,349	1,645
34	310,997	247,951	14.1	13.2	2,442,434	2,362,699	24.8	17.4	3,440	3,248
35	456,991	424,086	20.9	22.5	2,887,150	4,498,423	29.5	33.5	3,960	5,235
36	140,387	170,034	6.4	9.1	1,163,188	1,483,129	11.8	11.0	1,481	1,706
37	5,209	3,991	0.2	0.2	33,239	70,333	0.3	0.5	72	105
38	624	79	*	*	1,913	1,725	*	*	14	10
39	350	451	*	*	794	1,956	*	*	1	2
40 and longer	527	1,376	*	0.1	1,605	4,724	*	*	4	12
All staples	2,205,017	1,876,710	100.0	100.0	9,828,891	13,541,168	100.0	100.0	13,342	16,323

1/ Data for current season are preliminary.

* Less than 0.05 percent.

** Less than 500 bales.

Table 3. Specified measures of quality for upland ginnings 1/

Item	December 1-31		Season through December 31			Supply to January 1	
	1976	1977	1976	1977	1977	1976	1977
Grade index (Mid. White=100)	88.5	92.9	91.7	93.3	91.6	92.8	
Average staple, 32nd. inch	32.8	33.1	33.7	33.7	33.8	33.7	
Rough preparation, percent	*	0.1	*	*	-	-	
Tenderable, percent 2/	31.7	58.6	57.5	63.7	-	-	
Average mike reading	3.8	4.2	4.2	4.4	-	-	
Average fiber strength (Mpsi)	84.1	87.0	86.4	87.4	-	-	

1/ Data for current season are preliminary.

2/ Tenderable for grade, staple and mike in settlement of futures' contracts.

* Less than 0.05 percent.

Table 4. Percentage distribution of micronaire readings for upland ginnings prior to January 1, this season and last season, by states 1/

State	2.6 and below		2.7-2.9		3.0-3.2		3.3-3.4		3.5-3.9		4.0-4.4		4.5-4.9		5.0-5.2		5.3 and above		Totals						Average mike	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	
N. C.	-	0.1	*	0.3	*	1.3	0.2	16.0	1.1	42.7	5.6	34.6	46.0	4.4	32.1	0.6	15.0	1.7	0.2	93.3	52.7	5.0	47.1	4.3	4.9	
S. C.	*	0.1	0.2	0.7	1.2	0.8	1.8	5.9	8.9	29.9	16.2	45.8	38.9	14.6	24.0	2.2	8.8	1.6	3.2	81.6	64.0	16.8	32.8	4.6	4.7	
Ga.	-	-	-	*	0.6	0.1	0.7	1.3	6.5	15.0	23.2	54.2	44.7	23.7	18.9	5.7	5.4	0.1	1.3	70.5	74.4	29.4	24.3	4.8	4.6	
Ala.	*	0.3	0.2	1.9	0.7	2.3	0.5	12.1	2.6	26.9	14.2	37.3	46.5	14.1	24.9	5.1	10.4	4.5	1.4	76.3	63.3	19.2	35.3	4.5	4.8	
Miss.	*	0.4	*	1.9	0.3	2.6	0.5	18.0	3.8	41.7	23.4	30.5	50.6	4.6	18.1	0.3	3.3	4.9	0.8	90.2	77.8	4.9	21.4	4.3	4.6	
Tenn.	0.1	-	0.9	*	3.6	*	4.1	0.2	26.2	4.6	37.9	20.7	24.6	45.0	2.3	17.8	0.3	11.7	8.7	0.2	88.7	70.3	2.6	29.5	4.1	4.7
Mo.	*	-	0.7	-	4.8	*	6.8	0.3	35.2	5.1	38.9	20.9	12.6	37.3	1.0	24.2	*	12.2	12.3	0.3	86.7	63.3	1.0	36.4	4.0	4.7
Ark.	*	*	0.3	*	1.9	0.2	2.4	0.3	13.9	3.0	31.0	18.5	34.6	53.1	11.9	20.8	4.0	4.1	4.6	0.5	79.5	74.6	15.9	24.9	4.4	4.7
Ia.	*	*	0.1	0.2	1.2	1.0	1.6	1.2	8.2	4.5	28.4	12.5	43.0	45.2	14.1	28.9	3.4	6.5	2.9	2.4	79.6	62.2	17.5	35.4	4.5	4.7
Okla.	0.3	*	0.6	0.6	1.4	3.0	1.4	3.7	7.3	17.9	18.8	33.3	32.0	31.3	20.2	8.0	18.0	2.2	3.7	7.3	58.1	82.5	38.2	10.2	4.7	4.3
Tex.	3.0	*	6.4	0.6	9.8	2.6	7.1	3.6	22.3	20.6	25.4	35.9	18.4	27.0	5.6	6.6	2.0	3.1	26.3	6.8	66.1	83.5	7.6	9.7	3.9	4.3
N. M.	2.8	*	6.9	0.6	10.4	3.0	8.5	4.4	33.9	32.7	31.9	50.7	5.2	7.8	0.4	0.7	*	0.1	28.6	8.0	71.0	91.2	0.4	0.8	3.7	4.0
Ariz.	0.4	0.1	1.2	0.6	2.1	1.3	1.6	1.1	6.9	5.6	23.0	19.2	41.2	42.7	19.1	22.6	4.5	6.8	5.3	3.1	71.1	67.5	23.6	29.4	4.6	4.7
Calif.	0.3	0.1	1.2	1.1	3.1	4.4	2.0	33.2	16.5	44.7	50.9	11.2	24.0	1.6	2.7	0.3	0.4	9.0	5.5	89.1	91.4	1.9	3.1	4.0	4.2	
Other	0.1	-	0.3	0.2	4.1	0.7	7.0	9.3	35.7	35.0	35.0	35.1	9.0	14.6	8.5	5.0	0.4	1.0	11.4	79.4	39.7	19.6	8.9	4.5	4.0	
U. S.	1.1	*	2.5	0.5	4.7	1.8	4.3	2.2	20.8	13.6	32.6	32.8	24.4	34.0	7.4	11.5	2.2	3.6	12.6	4.5	77.8	80.4	9.6	15.1	4.2	4.4

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 5. Percentage distribution of fiber strength for upland cotton ginnings prior to January 1, this season and last season, by states 1/

State	Zero Gauge Fiber Strength (Mpsi)												Average strength							
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above			
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Mpsi			
N. C.	-	-	0.1	-	0.3	0.1	6.5	2.3	40.2	16.6	42.3	47.6	10.4	28.6	0.2	4.8	-	84.9	87.8	
S. C.	-	-	0.2	0.8	0.4	9.0	7.2	41.0	27.2	39.6	40.1	9.0	21.0	0.6	3.7	-	0.2	84.4	86.2	
Ga.	-	-	*	-	2.4	1.6	15.0	12.8	39.8	35.8	33.6	33.5	8.8	13.4	0.4	2.7	*	0.2	83.7	84.7
Ala.	-	-	*	0.2	3.4	2.8	23.0	16.9	41.5	38.8	26.3	30.6	5.0	9.0	0.8	1.7	-	*	82.5	83.5
Miss.	-	-	*	0.1	0.7	3.3	6.7	25.0	35.7	44.9	38.8	22.6	15.0	3.7	3.0	0.4	0.1	87.0	85.5	
Tenn.	-	-	*	0.6	0.2	9.5	7.7	44.0	31.9	37.8	40.5	8.0	17.2	0.1	2.3	-	0.2	84.2	85.8	
Mo.	-	-	-	0.1	1.6	4.6	15.0	36.1	44.9	48.8	28.9	9.7	8.7	0.6	0.7	0.1	0.2	85.3	83.6	
Ark.	-	-	*	0.1	0.4	4.0	7.3	27.1	32.7	41.0	41.3	22.1	15.8	5.1	2.2	0.6	0.3	86.9	85.6	
Ia.	-	-	*	0.6	2.0	4.9	17.9	23.3	42.3	36.2	30.0	24.3	7.1	9.3	0.6	1.4	0.1	87.6	83.3	
Okla.	-	-	0.2	0.9	2.5	10.6	21.2	37.7	33.8	38.5	27.7	11.0	10.9	1.1	2.9	0.2	0.8	84.6	83.8	
Tex.	-	-	0.1	0.1	3.6	0.9	24.2	7.7	40.6	26.3	22.7	33.3	6.6	21.5	1.8	8.0	0.4	2.2	82.6	87.0
N. M.	-	-	*	1.4	0.3	8.0	2.2	11.7	7.9	19.0	19.0	26.1	32.5	22.5	24.8	11.3	13.3	90.7	92.6	
Ariz.	-	-	*	1.2	0.9	16.5	8.0	50.6	28.2	25.8	39.5	5.1	18.0	0.8	4.3	*	1.1	83.0	86.1	
Calif.	-	-	*	*	*	1.0	0.8	5.8	7.4	19.6	23.2	36.2	30.3	28.9	23.6	8.5	14.7	92.6	92.7	
U. S.	-	-	*	*	1.4	0.8	11.5	7.4	29.3	25.7	28.6	32.3	17.8	20.5	9.1	9.1	2.3	4.2	86.4	87.4

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 6. Percentage distribution of the grade of upland cotton ginned prior to January 1, this season and last season, by states 1/

State	White												Light Spotted												Grade index 2/							
	SM & higher			M+			SLM+			LM+			SGO+			SM			LM			Other colored		Below Grade								
	1976	1977	Pct.	30	31	Pct.	40	41	Pct.	50	51	Pct.	51	52	Pct.	60	62	Pct.	32	Pct.	52	Pct.	1976	1977	1976	1977	1976	1977	1976	1977		
N. C.	-	-	0.1	0.2	-	-	0.9	0.6	1.7	0.6	49.8	26.9	13.0	6.6	17.0	32.3	0.7	5.8	-	-	0.9	0.2	10.0	14.8	1.6	8.1	4.2	3.6	0.1	0.5	90.7	87.3
S. C.	0.1	0.2	-	-	4.2	3.3	2.8	0.9	38.8	32.9	7.9	4.0	13.4	21.6	1.6	2.9	0.3	*	5.0	2.1	11.2	18.3	3.6	8.9	10.7	4.4	0.4	0.5	90.5	88.7		
Ga.	*	*	*	-	0.7	1.5	0.2	0.7	31.0	20.7	4.9	1.5	27.4	10.5	2.3	1.7	*	*	*	1.4	4.7	18.6	31.2	8.1	13.6	4.8	12.4	0.6	1.5	88.1	87.1	
Ala.	0.1	0.1	*	-	4.5	1.8	2.6	0.3	47.3	13.8	3.7	0.4	11.0	3.4	1.3	0.3	*	0.2	2.6	5.1	13.2	35.9	4.4	11.7	8.7	25.6	0.6	1.4	90.4	86.4		
Miss.	0.2	*	*	*	8.2	2.0	1.8	1.5	54.9	33.4	3.7	4.2	20.2	35.8	2.7	5.4	*	*	1.0	0.5	4.7	9.1	1.8	6.1	0.6	1.4	0.2	0.6	91.5	88.1		
Tenn.	0.4	0.1	-	*	10.8	3.9	1.8	1.7	38.8	24.5	2.5	1.7	10.9	12.3	1.5	2.2	0.1	*	4.5	2.2	14.7	26.4	5.6	17.0	7.6	6.2	0.8	1.8	90.8	87.5		
Mo.	0.3	*	-	-	13.6	1.0	1.6	0.2	41.9	29.8	3.8	2.6	6.8	15.8	0.8	1.2	*	-	5.7	2.2	12.2	28.6	3.7	10.4	8.8	7.5	0.8	0.7	91.8	88.2		
Ark.	0.1	*	*	*	13.1	2.6	3.1	1.8	56.6	38.5	4.2	4.5	11.3	19.1	0.9	1.5	*	*	1.9	1.4	6.3	20.4	1.2	6.9	1.2	3.0	0.1	0.3	92.9	89.6		
La.	0.2	0.2	0.1	*	20.8	13.7	2.4	1.7	55.7	50.1	2.7	3.2	9.4	10.2	1.2	1.5	*	*	1.9	3.5	4.2	11.8	0.9	2.7	0.4	1.2	0.1	0.2	93.8	92.5		
Oklia.	*	0.1	-	*	2.0	5.0	0.2	1.4	6.4	13.8	0.5	0.9	3.9	8.0	0.8	1.3	0.1	0.1	15.2	13.3	34.1	35.7	9.5	12.4	26.7	7.5	0.6	0.5	88.1	89.0		
Tex.	0.2	1.0	*	0.1	4.4	23.6	0.4	5.9	15.2	25.9	0.3	1.8	6.8	3.5	1.5	0.6	0.1	0.3	12.2	20.3	23.9	13.6	9.1	1.6	25.5	1.7	0.4	0.1	88.5	94.7		
N. M.	1.5	0.9	*	*	26.7	24.1	10.1	7.8	21.2	34.7	2.9	5.5	3.9	2.7	1.0	0.4	0.5	*	9.2	11.9	7.5	9.8	1.7	1.3	13.1	0.7	0.7	0.2	93.5	94.8		
Ariz.	0.7	0.7	-	0.6	30.4	21.3	4.8	3.4	38.9	50.3	1.7	1.7	3.9	6.0	0.7	1.0	0.1	0.1	9.3	4.4	6.5	6.8	1.7	2.2	0.6	1.0	0.7	0.5	94.9	94.0		
Calif.	0.4	2.4	*	2.1	26.6	42.7	12.6	20.4	47.3	21.5	2.4	1.2	5.6	2.7	1.5	0.6	*	0.1	0.7	2.9	1.4	2.3	0.6	0.7	0.7	0.3	0.2	94.9	97.0			
Other	3.4	2.0	-	1.3	11.0	15.5	4.8	1.8	54.2	28.6	1.8	2.6	8.1	16.9	0.6	1.0	-	-	1.2	0.3	9.6	19.2	1.3	9.1	3.8	1.5	0.2	0.2	93.1	91.0		
U. S.	0.3	1.0	*	0.5	14.0	20.7	4.4	7.1	37.3	29.4	2.2	8.9	9.5	1.5	1.3	0.1	0.2	5.7	9.7	11.5	12.4	4.1	3.5	9.7	2.2	0.3	0.3	91.7	93.3			

1/ Data for current season are preliminary.

2/ Middling White equals 100.

* Less than 0.05 percent.

Table 7. Percentage distribution of the staple of upland cotton ginned prior to January 1, this season and last season, and total ginnings, by states 1/

State	Staple												Average staple 2/			
	28 and shorter 1976	29 1977	30 1976	31 1977	32 1976	33 1977	34 1976	35 1977	36 1976	37 1977	38 and longer 1976	1977	1976	1977	1976	1977
Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Bales	Bales	Bales	Bales	Bales
N. C.	-	-	-	-	-	-	-	-	-	-	-	50,817	68,495	101,484		
S. C.	-	-	-	-	*	*	0.2	0.2	1.9	12.1	10.1	61.5	47.6	25.1	37.1	1.1
Ga.	-	-	-	*	*	0.2	0.1	1.9	1.7	22.7	36.2	48.2	60.6	26.8	1.4	0.2
Ala.	-	-	*	*	0.1	*	0.3	0.8	4.8	32.0	41.5	48.2	45.5	18.4	7.7	0.6
Miss.	-	-	*	*	*	*	0.5	*	13.0	1.4	64.3	21.9	21.6	68.0	0.6	8.6
Tenn.	-	*	-	-	0.1	0.1	2.3	1.8	42.6	37.6	49.8	56.1	4.9	4.4	0.3	*
Mo.	-	*	-	-	*	*	0.1	0.2	7.4	4.4	59.1	51.1	32.2	43.1	1.2	1.2
Ark.	-	-	-	*	*	*	0.4	*	8.6	0.8	60.1	24.1	30.1	68.9	0.8	6.2
La.	-	-	-	*	-	0.1	-	1.9	*	16.6	0.4	51.5	27.5	29.2	69.0	0.7
Okla.	0.7	*	5.1	0.1	29.6	2.3	29.3	13.2	20.9	39.0	7.1	30.2	3.4	10.7	3.2	0.7
Tex.	0.2	0.1	2.2	1.1	16.1	11.6	28.2	28.6	23.9	26.6	15.0	17.2	10.5	11.9	2.8	0.8
N. M.	0.3	*	1.1	*	3.0	0.8	3.9	3.1	3.6	5.0	2.1	3.1	5.1	3.2	10.8	8.7
Ariz.	*	*	*	0.1	0.2	0.1	0.2	0.9	0.9	1.6	2.4	17.1	31.6	74.2	61.2	5.5
Calif.	*	*	-	*	*	0.1	*	0.1	0.2	0.3	0.6	4.2	7.9	53.4	50.4	41.9
Other	-	-	-	-	-	-	-	0.3	-	8.8	4.3	43.6	49.1	36.2	25.3	10.9
U. S.	0.1	*	0.8	0.4	5.5	4.5	9.1	11.4	8.0	11.6	10.1	9.7	24.8	17.4	29.5	33.5

1/ Data for current season are preliminary.

2/ Expressed in thirty-seconds of an inch.

* Less than 0.05 percent.

Table 8. Percentage of ginnings reduced in grade, by specified causes, prior to January 1, this season and last season, by states 1/

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1976	1977	1976	1977	1976	1977	1976	1977
North Carolina	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
North Carolina	5.9	7.5	0.2	-	*	*	6.1	7.5
South Carolina	10.4	11.9	1.1	0.4	*	*	11.5	12.3
Georgia	1.3	7.2	8.3	0.8	*	0.1	9.6	8.1
Alabama	9.6	3.4	0.5	1.7	-	*	10.1	5.1
Mississippi	7.7	6.2	0.7	1.9	*	*	8.4	8.1
Tennessee	10.2	3.7	0.9	1.3	0.1	*	11.2	5.0
Missouri	1.1	0.5	0.4	0.8	*	*	1.5	1.3
Arkansas	3.0	3.5	0.2	0.6	*	*	3.2	4.1
Louisiana	6.0	6.3	1.4	1.5	*	*	7.4	7.8
Oklahoma	1.1	1.5	17.1	15.1	-	*	18.2	16.6
Texas	1.3	3.2	29.2	1.6	*	*	30.5	4.8
New Mexico	1.0	1.3	10.1	1.9	*	0.2	11.1	3.4
Arizona	2.1	2.1	2.7	2.7	0.1	0.1	4.9	4.9
California	2.9	3.0	0.5	0.2	*	0.1	3.4	3.3
Other	5.3	5.1	0.7	4.0	-	-	6.0	9.1
United States	3.4	3.5	10.1	1.7	*	0.1	13.5	5.3

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 9. American Pima cotton ginned in the United States, by grade and staple 1/

Grade and Staple	Code	December 1-31				Season through December 31			
		1976	1977	1976	1977	1976	1977	1976	1977
Grade		Bales	Bales	Pct.	Pct.	Bales	Bales	Pct.	Pct.
1	(10)	5	-	*	-	5	-	*	-
2	(20)	209	18	0.9	0.1	1,237	119	2.1	0.1
3	(30)	6,571	2,796	27.6	8.7	17,076	16,593	29.6	18.3
4	(40)	14,026	24,053	58.9	75.2	32,492	60,546	56.2	66.7
5	(50)	2,359	4,119	9.9	12.9	5,782	11,778	10.0	13.0
6	(60)	404	668	1.7	2.1	925	1,257	1.6	1.4
7	(70)	143	153	0.6	0.5	155	259	0.3	0.3
8	(80)	22	68	0.1	0.2	22	68	*	0.1
9	(90)	38	86	0.2	0.3	38	86	0.1	0.1
10	(00)	29	9	0.1	*	29	9	0.1	*
Total		23,806	31,970	100.0	100.0	57,761	90,715	100.0	100.0
Staple									
40 and shorter		-	-	-	-	-	-	-	-
42		208	384	0.9	1.2	220	384	0.4	0.4
44		11,572	12,882	48.6	40.3	35,008	41,322	60.6	45.6
46		12,026	18,704	50.5	58.5	22,533	49,009	39.0	54.0
48 and longer		-	-	-	-	-	-	-	-
Total		23,806	31,970	100.0	100.0	57,761	90,715	100.0	100.0

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 10. Percentage distribution of micronaire readings for America Pima ginnings prior to January 1, this season and last season, by states 1/

Readings	State						United States	
	Texas		New Mexico		Arizona		1976	1977
	1976	1977	1976	1977	1976	1977	1976	1977
<u>Percent</u>								
2.4 and below	-	-	-	-	-	-	-	-
2.5	0.2	-	-	-	-	-	*	-
2.6	0.4	-	-	-	-	-	0.1	-
2.7	0.4	0.1	0.3	0.3	*	*	0.1	0.1
2.8	1.1	0.1	1.3	0.4	*	-	0.3	0.1
2.9	1.5	0.6	1.3	1.1	0.1	*	0.4	0.3
3.0	2.2	0.6	2.7	2.1	0.3	0.3	0.7	0.5
3.1	3.1	1.3	2.1	3.4	0.4	0.4	0.9	0.9
3.2	4.3	1.7	4.8	4.3	0.9	0.6	1.7	1.2
3.3	4.7	2.5	5.7	4.9	1.2	1.0	2.0	1.8
3.4	6.1	4.1	3.7	8.1	1.7	1.8	2.5	3.1
3.5	9.1	6.5	5.1	13.8	4.9	5.2	5.6	6.1
3.6	11.0	8.8	6.8	11.0	6.6	8.1	7.4	8.5
3.7	9.0	11.2	8.9	12.7	6.9	9.3	7.3	10.2
3.8	10.0	13.0	9.5	11.3	11.0	15.3	10.8	14.3
3.9	7.2	13.8	10.6	7.9	12.4	13.7	11.5	13.4
4.0	7.5	12.5	9.4	7.5	14.4	15.3	12.9	13.9
4.1	6.7	9.4	9.0	7.1	12.7	10.6	11.6	9.9
4.2	5.7	6.9	7.1	1.9	11.7	9.9	10.5	8.3
4.3	3.9	3.3	2.4	1.4	6.2	4.3	5.6	3.7
4.4	3.2	2.0	3.8	0.8	5.5	3.1	5.0	2.5
4.5	1.9	1.2	0.9	-	2.0	0.8	1.9	0.9
4.6	0.8	0.3	4.6	-	0.6	0.2	0.8	0.2
4.7	-	0.1	-	-	0.1	0.1	0.1	0.1
4.8	-	*	-	-	0.4	-	0.3	*
4.9	-	*	-	-	-	-	-	*
5.0 and above	-	-	-	-	-	-	-	-
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average mike	3.7	3.8	3.8	3.6	4.0	3.9	3.9	3.9

1/ Data for current season are preliminary.

* Less than 0.05 percent.

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